APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO	SERIAL NO.
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		UMY-052DV1	10/645746
		APPLICANT: Mello, Craig C. *et al.*	
		FILING DATE: August 20, 2003	GROUP: ~~1637~~ 1653

MM

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MM	A1	4,469,863	09/84	Ts'o *et al.*			
	A2	4,511,713	04/85	Miller *et al.*			
	A3	5,034,323	07/91	Jorgensen *et al.*			
	A4	5,107,065	04/92	Shewmaker			
	A5	5,190,931	03/93	Inouye			
	A6	5,208,149	05/93	Inouye			
	A7	5,258,369	11/93	Carter			
	A8	5,272,065	12/93	Inouye			
	A9	5,365,015	11/94	Grierson *et al.*			
	A10	5,453,566	09/95	Shewmaker			
	A11	5,738,985	04/98	Miles			
	A12	5,795,715	08/98	Livache			
	A13	5,874,555	02/99	Dervan			
	A14	5,976,567	11/99	Wheeler *et al.*			
	A15	6,010,908	01/00	Gruenert *et al.*			
	A16	6,136,601	10/00	Meyer, Jr. *et al.*			
MM							

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
MM	A17	WO 98/54315	12/98	WO				
	A18	WO 98/04717	02/98	WO				
	A19	WO 99/32619	07/99	WO				
	A20	WO 99/53050	10/99	WO				
	A21	WO 99/61631	12/99	WO				
	A22	WO 00/01846	01/00	WO				
MM	A23	WO 00/63364	10/00	WO				

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

MM	A24		Baker *et al.* RNAi of the receptor tyrosine phosphatase HmLAR2 in a single cell of an intact leech embryo leads to growth-cone collapse. Curr Biol. 2000 Sep 7;10(17):1071-4
MM	A25		Bass. Double-stranded RNA as a template for gene silencing. Cell. 2000 Apr 28;101(3):235-8

Examiner	Date Considered

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

MM	B1		Bastin *et al.* Flagellum ontogeny in trypanosomes studied via an inherited and regulated RNA interference system. J Cell Sci. 2000 Sep;113 (Pt 18):3321-8
MM	B2		Baulcombe *et al.* Molecular biology. Unwinding RNA silencing. Science. 2000 Nov 10;290(5494):1108-9
MM	B3		Baulcombe. Gene silencing: RNA makes RNA makes no protein. Curr Biol. 1999 Aug 26;9(16):R599-601
MM	B4		Baum *et al.* Inhibition of protein synthesis in reticulocyte lysates by a double-stranded RNA component in HeLa mRNA. Biochem Biophys Res Commun. 1983 Jul 18;114(1):41-9
MM	B5		Bhat *et al.* Discs Lost, a novel multi-PDZ domain protein, establishes and maintains epithelial polarity. Cell. 1999 Mar 19;96(6):833-45
MM	B6		Billy *et al.* Specific interference with gene expression induced by long, double-stranded RNA in mouse embryonal teratocarcinoma cell lines. Proc Natl Acad Sci U S A 2001 Dec 4;98(25):14428-33
—	B7		~~Bosher *et al.* RNA interference: genetic wand and genetic watchdog. Nat Cell Biol. 2000 Feb;2(2):E31-6~~
—	B8		~~Bosher *et al.* RNA interference can target pre-mRNA: consequences for gene expression in a Caenorhabditis elegans operon. Genetics. 1999 Nov;153(3):1245-56~~
MM	B9		*C. elegans* Sequencing Consortium, The. Genome Sequence of the Nematode *C. elegans*: A Platform for Investigating Biology Science. 11 Dec. 1998 282:2012-2018
MM	B10		Caplen *et al.* dsRNA-mediated gene silencing in cultured Drosophila cells: a tissue culture model for the analysis of RNA interference. Gene. 2000 Jul 11;252(1-2):95-105
MM	B11		Caplen. A new approach to the inhibition of gene expression. Trends Biotechnol. 2002 Feb;20(2):49-51
MM	B12		Catalanotto *et al.* Gene silencing in worms and fungi. Nature 2000 Mar 16;404(6775):245
MM	B13		Chuang *et al.* Specific and heritable genetic interference by double-stranded RNA in Arabidopsis thaliana. Proc Natl Acad Sci U S A. 2000 Apr 25;97(9):4985-90
MM	B14		Colussi *et al.* Debcl, a proapoptotic Bcl-2 homologue, is a component of the Drosophila melanogaster cell death machinery. J Cell Biol. 2000 Feb 21;148(4):703-14
MM	B15		Denef *et al.* Hedgehog induces opposite changes in turnover and subcellular localization of patched and smoothened. Cell. 2000 Aug 18;102(4):521-31
MM	B16		Doi *et al.* Short-Interfering-RNA-Mediated Gene Silencing in Mammalian Cells Requires Dicer and eIF2C Translation Initiation Factors. Current Biology 8 January, 2003 13:41-46
MM	B17		Dolnick. Naturally occurring antisense RNA. Pharmacol Ther. 1997 Sep;75(3):179-84
MM	B18		Domeier *et al.* A link between RNA interference and nonsense-mediated decay in Caenorhabditis elegans. Science. 2000 Sep 15;289(5486):1928-31
MM	B19		Driver *et al.* Oligonucleotide-based inhibition of embryonic gene expression. Nat Biotechnol. 1999 Dec;17(12):1184-7

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MM	C1		Fagard *et al.* AGO1, QDE-2, and RDE-1 are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RNA interference in animals. Proc Natl Acad Sci U S A 2000 Oct 10;97(21):11650-4
MM	C2		Fraser *et al.* Functional genomic analysis of C. elegans chromosome I by systematic RNA interference. Nature. 2000 Nov 16;408(6810):325-30
MM	C3		Fire *et al.* RNA-triggered gene silencing. Trends Genet. 1999 Sep;15(9):358-63
MM	C4		Fire *et al.* Production of antisense RNA leads to effective and specific inhibition of gene expression in C. elegans muscle. Development. 1991 Oct;113(2):503-14
MM	C5		Fire *et al.* Potent and specific genetic interference by double-stranded RNA in Caenorhabditis elegans. Nature. 1998 Feb 19;391(6669):806-11
MM	C6		Fire *et al.* On the Generality of RNA-Mediated Interference. Worm Breeder's Gazette. 1998;15(3):8
MM	C7		Fortier *et al.* Temperature-dependent gene silencing by an expressed inverted repeat in Drosophila. Genesis. 2000 Apr;26(4):240-4
—	C8		~~GENBANK Acesscion No. Q22617 for Caenorhabditis elegans November 1, 1990~~
MM	C9		Grieson *et al.* Trends in Biotechnology 1991;9:122-3
MM	C10		Grishok *et al.* Genetic requirements for inheritance of RNAi in C. elegans. Science. 2000 Mar 31;287(5462):2494-7
MM	C11		Guo *et al.* par-1, a gene required for establishing polarity in C. elegans embryos, encodes a putative Ser/Thr kinase that is asymmetrically distributed. Cell. 1995 May 19;81(4):611-20
MM	C12		Hammond *et al.* An RNA-directed nuclease mediates post-transcriptional gene silencing in Drosophila cells. Nature. 2000 Mar 16;404(6775):293-6
MM	C13		Harbinder *et al.* Genetically targeted cell disruption in Caenorhabditis elegans. Proc Natl Acad Sci U S A. 1997 Nov 25;94(24):13128-33
MM	C14		Harcourt *et al.* Ebola virus inhibits induction of genes by double-stranded RNA in endothelial cells. Virology. 1998 Dec 5;252(1):179-88
MM	C15		Harfe *et al.* Analysis of a Caenorhabditis elegans Twist homolog identifies conserved and divergent aspects of mesodermal patterning. Genes Dev. 1998 Aug 15;12(16):2623-35
MM	C16		Heaphy, S. *et al.* Viruses, double-stranded RNA and RNA interference. Recent Res. Devel. Virol. 2001;3:91-104
MM	C17		Hill *et al.* dpy-18 encodes an alpha-subunit of prolyl-4-hydroxylase in caenorhabditis elegans. Genetics. 2000 Jul;155(3):1139-48
MM	C18		Hsieh *et al.* The RING finger/B-box factor TAM-1 and a retinoblastoma-like protein LIN-35 modulate context-dependent gene silencing in Caenorhabditis elegans. Genes Dev. 1999 Nov 15;13(22):2958-70
MM	C19		Huang *et al.* The proneural gene amos promotes multiple dendritic neuron formation in the Drosophila peripheral nervous system. Neuron. 2000 Jan;25(1):57-67

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MM	D1		Hughes *et al.* RNAi analysis of Deformed, proboscipedia and Sex combs reduced in the milkweed bug Oncopeltus fasciatus: novel roles for Hox genes in the hemipteran head. Development. 2000 Sep;127(17):3683-94
MM	D2		Hunter. Genetics: a touch of elegance with RNAi. Curr Biol. 1999 Jun 17;9(12):R440-2
MM	D3		Hunter. Gene Silencing: Shrinking the Black Box of RNAi. Current Biology, 2000, 10:R137-R140
MM	D4		Izant. Inhibition of Thymidine Kinase Gene Expression by Anti-Sense RNA: A Molecular Approach to Genetic Analysis. Cell. Apr. 1984, 36:1007-1015
MM	D5		Jacobs *et al.* When two strands are better than one: the mediators and modulators of the cellular responses to double-stranded RNA. Virology. 1996 May 15;219(2):339-49
MM	D6		Jorgensen *et al.* An RNA-based information superhighway in plants. Science. 1998 Mar 6;279(5356):1486-7
MM	D7		Jorgensen *et al.* Do unintended antisense transcripts contribute to sense cosuppression in plants? Trends Genet. 1999 Jan;15(1):11-2
MM	D8		Judware *et al.* Inhibition of the dsRNA-Dependent Protein Kinase by a Peptide Derived from the Human Immunodeficiency Virus Type 1 Tat Protein. Journal of Interferon Research 1993 13:153-160
MM	D9		Kelly *et al.* Chromatin silencing and the maintenance of a functional germline in Caenorhabditis elegans. Development. 1998 Jul;125(13):2451-6
MM	D10		Kennerdell *et al.* Heritable gene silencing in Drosophila using double-stranded RNA. Nat Biotechnol. 2000 Aug;18(8):896-8
MM	D11		Kennerdell *et al.* Use of dsRNA-mediated genetic interference to demonstrate that frizzled and frizzled 2 act in the wingless pathway. Cell. 1998 Dec 23;95(7):1017-26
MM	D12		Ketting *et al.* Mut-7 of C. elegans, required for transposon silencing and RNA interference, is a homolog of Werner syndrome helicase and RNaseD. Cell. 1999 Oct 15;99(2):133-41
MM	D13		Ketting *et al.* A genetic link between co-suppression and RNA interference in C. elegans. Nature. 2000 Mar 16;404(6775):296-8
MM	D14		Kim *et al.* Positioning of longitudinal nerves in C. elegans by nidogen. Science. 2000 Apr 7;288(5463):150-4
MM	D15		Klaff *et al.* RNA structure and the regulation of gene expression. Plant Mol Biol. 1996 Oct;32(1-2):89-106
MM	D16		Kostich *et al.* Identification and molecular-genetic characterization of a LAMP/CD68-like protein from Caenorhabditis elegans. J Cell Sci. 2000 Jul;113 (Pt 14):2595-606
MM	D17		Kumar *et al.* Antisense RNA: function and fate of duplex RNA in cells of higher eukaryotes. Microbiol Mol Biol Rev. 1998 Dec;62(4):1415-34
MM	D18		Lam *et al.* Inducible expression of double-stranded RNA directs specific genetic interference in Drosophila. Curr Biol. 2000 Aug 24;10(16):957-63
MM	D19		Lewis *et al.* Distinct roles of the homeotic genes Ubx and abd-A in beetle embryonic abdominal appendage development. Proc Natl Acad Sci U S A. 2000 Apr 25;97(9):4504-9

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MM	E1		Li *et al.* Double-stranded RNA injection produces null phenotypes in zebrafish. Dev Biol. 2000 Jan 15;217(2):394-405
MM	E2		Liu *et al.* Overlapping roles of two Hox genes and the exd ortholog ceh-20 in diversification of the C. elegans postembryonic mesoderm. Development. 2000 Dec;127(23):5179-90
MM	E3		Liu *et al.* Essential roles for Caenorhabditis elegans lamin gene in nuclear organization, cell cycle progression, and spatial organization of nuclear pore complexes. Mol Biol Cell. 2000 Nov;11(11):3937-47
MM	E4		Lohmann *et al.* Silencing of developmental genes in Hydra. Dev Biol. 1999 Oct 1;214(1):211-4
MM	E5		Maine. A conserved mechanism for post-transcriptional gene silencing? Genome Biol. 2000;1(3):REVIEWS1018
MM	E6		Maitra. Catalytic cleavage of an RNA target by 2-5A antisense and RNase L. J Biol Chem 1995 Jun 23;270(25):15071-5
MM	E7		Marx. Interfering with gene expression. Science. 2000 May 26;288(5470):1370-2
MM	E8		Matzke *et al.* How and Why Do Plants Inactivate Homologous (Trans)genes? Plant Physiol. 1995 Mar;107(3):679-685
MM	E9		Mello *et al.* Efficient gene transfer in C.elegans: extrachromosomal maintenance and integration of transforming sequences. EMBO J. 1991 Dec;10(12):3959-70
MM	E10		Mello *et al.* DNA transformation. Methods Cell Biol. 1995;48:451-82
MM	E11		Metzlaff *et al.* RNA-mediated RNA degradation and chalcone synthase A silencing in petunia. Cell. 1997 Mar 21;88(6):845-54
MM	E12		Mette *et al.* Transcriptional silencing and promoter methylation triggered by double-stranded RNA. EMBO J. 2000 Oct 2;19(19):5194-201
MM	E13		Melendez *et al.* Caenorhabditis elegans lin-13, a member of the LIN-35 Rb class of genes involved in vulval development, encodes a protein with zinc fingers and an LXCXE motif. Genetics. 2000 Jul;155(3):1127-37
MM	E14		Misquitta *et al.* Targeted disruption of gene function in Drosophila by RNA interference (RNA-i): a role for nautilus in embryonic somatic muscle formation. Proc Natl Acad Sci U S A. 1999 Feb 16;96(4):1451-6
MM	E15		Montgomery *et al.* Double-stranded RNA as a mediator in sequence-specific genetic silencing and co-suppression. Trends Genet. 1998 Jul;14(7):255-8
MM	E16		Montgomery *et al.* RNA as a target of double-stranded RNA-mediated genetic interference in Caenorhabditis elegans. Proc Natl Acad Sci U S A. 1998 Dec 22;95(26):15502-7
MM	E17		Nakano *et al.* RNA interference for the organizer-specific gene Xlim-1 in Xenopus embryos. Biochem Biophys Res Commun. 2000 Aug 2;274(2):434-9
MM	E18		Nekhai. *et al.* Peptides Derived from the Interferon-Induced PKR Prevent Activation by HIV-1 TAR RNA. Virology 1996 222:193-200
MM	E19		Nellen *et al.* What makes an mRNA anti-sense-itive? Trends Biochem Sci. 1993 Nov;18(11):419-23
MM	E20		Ngo *et al.* Double-stranded RNA induces mRNA degradation in Trypanosoma brucei. Proc Natl Acad Sci U S A. 1998 Dec 8;95(25):14687-92

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MM	F1		Oates *et al.* Too much interference: injection of double-stranded RNA has nonspecific effects in the zebrafish embryo. Dev Biol. 2000 Aug 1;224(1):20-8
MM	F2		Oelgeschlager *et al.* The evolutionarily conserved BMP-binding protein Twisted gastrulation promotes BMP signalling. Nature. 2000 Jun 15;405(6788):757-63
MM	F3		Paddison, P.J. *et al.* RNA interference: the new somatic cell genetics? Cancer Cell. 2002 Jul;2(1):17-23
MM	F4		Pal-Bhadra *et al.* RNAi related mechanisms affect both transcriptional and posttranscriptional transgene silencing in Drosophila. Mol Cell 2002 Feb;9(2):315-27
MM	F5		Parrish *et al.* Functional anatomy of a dsRNA trigger: differential requirement for the two trigger strands in RNA interference. Mol Cell. 2000 Nov;6(5):1077-87
MM	F6		Pichler *et al.* OOC-3, a novel putative transmembrane protein required for establishment of cortical domains and spindle orientation in the P(1) blastomere of C. elegans embryos. Development. 2000 May;127(10):2063-73
MM	F7		Pineda *et al.* Searching for the prototypic eye genetic network: Sine oculis is essential for eye regeneration in planarians. Proc Natl Acad Sci U S A. 2000 Apr 25;97(9):4525-9
MM	F8		Plasterk *et al.* The silence of the genes. Curr Opin Genet Dev. 2000 Oct;10(5):562-7
MM	F9		Pratt *et al.* Regulation of in vitro translation by double-stranded RNA in mammalian cell mRNA preparations. Nucleic Acids Res. 1988 Apr 25;16(8):3497-510
MM	F10		Proud. PKR: a new name and new roles. Trends Biochem Sci. 1995 Jun;20(6):241-6
MM	F11		Ratcliff *et al.* A Similarity Between Viral Defense and Gene Silencing in Plants. Science. 1997;276:1558-60
MM	F12		Rocheleau. Wnt signaling and an APC-related gene specify endoderm in early C. elegans embryos. Cell. 1997 Aug 22;90(4):707-16
MM	F13		Sanchez-Alvarado *et al.* Double-stranded RNA specifically disrupts gene expression during planarian regeneration. Proc Natl Acad Sci U S A. 1999 Apr 27;96(9):5049-54
MM	F14		Sawa *et al.* Components of the SWI/SNF complex are required for asymmetric cell division in C. elegans. Mol Cell. 2000 Sep;6(3):617-24
—	F15		~~Schem, M. *et al.* Gene silencing mediated by small interfering RNAs in mammalian cells. Curr Med Chem. 2003 Feb;10(3):245-56~~
MM	F16		Seydoux *et al.* Repression of gene expression in the embryonic germ lineage of C. elegans. Nature. 1996 Aug 22;382(6593):713-6
MM	F17		Sharp. RNAi and double-strand RNA. Genes Dev. 1999 Jan 15;13(2):139-41
MM	F18		Sharp *et al.* Molecular biology. RNA interference. Science. 2000 Mar 31;287(5462):2431-3
MM	F19		Shi *et al.* Genetic interference in Trypanosoma brucei by heritable and inducible double-stranded RNA. RNA. 2000 Jul;6(7):1069-76
MM	F20		Shippy *et al.* Analysis of maxillopedia expression pattern and larval cuticular phenotype in wild-type and mutant tribolium. Genetics. 2000 Jun;155(2):721-31

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MM	G1		Stam *et al.* Annals of Botany. 1997;79:3-12
MM	G2		Stauber *et al.* Function of bicoid and hunchback homologs in the basal cyclorrhaphan fly Megaselia (Phoridae). Proc Natl Acad Sci U S A. 2000 Sep 26;97(20):10844-9
MM	G3		Suzuki *et al.* Activation of target-tissue immune-recognition molecules by double-stranded polynucleotides. Proc Natl Acad Sci U S A. 1999 Mar 2;96(5):2285-90
MM	G4		Svoboda *et al.* Selective reduction of dormant maternal mRNAs in mouse oocytes by RNA interference. Development 2000 Oct;127(19):4147-56
MM	G5		Tabara *et al.* RNAi in C. elegans: soaking in the genome sequence. Science. 1998 Oct 16;282(5388):430-1
MM	G6		Tabara *et al.* The rde-1 gene, RNA interference, and transposon silencing in C. elegans. Cell. 1999 Oct 15;99(2):123-32
MM	G7		Tabara *et al.* pos-1 encodes a cytoplasmic zinc-finger protein essential for germline specification in C. elegans. Development. 1999 Jan;126(1):1-11
MM	G8		Tavernarakis *et al.* Heritable and inducible genetic interference by double-stranded RNA encoded by transgenes. Nat Genet. 2000 Feb;24(2):180-3
MM	G9		Thompson. Shortcuts from gene sequence to function. Nat Biotechnol. 1999 Dec;17(12):1158-9
MM	G10		Timmons *et al.* Specific interference by ingested dsRNA. Nature. 1998 Oct 29;395(6705):854
MM	G11		Tuschl *et al.* Targeted mRNA degradation by double-stranded RNA in vitro. Genes Dev. 1999 Dec 15;13(24):3191-7
MM	G12		Ui-Tei *et al.* Sensitive assay of RNA interference in Drosophila and Chinese hamster cultured cells using firefly luciferase gene as target. FEBS Lett. 2000 Aug 18;479(3):79-82
MM	G13		Wagner *et al.* Double-stranded RNA poses puzzle. Nature. 1998 Feb 19;391(6669):744-5
—	G14		~~Wang *et al.* Rapid kinetic studies link tetrahydrobiopterin radical formation to heme-dioxy reduction and arginine hydroxylation in inducible nitric-oxide synthase. J Biol Chem. 2001 5;276:315-9~~
MM	G15		Wargelius *et al.* Double-stranded RNA induces specific developmental defects in zebrafish embryos. Biochem Biophys Res Commun. 1999 Sep 16;263(1):156-61
MM	G16		Waterhouse *et al.* Virus resistance and gene silencing in plants can be induced by simultaneous expression of sense and antisense RNA. Proc Natl Acad Sci U S A. 1998 10;95(23):13959-64
MM	G17		Waterston *et al.* A survey of expressed genes in Caenorhabditis elegans. Nat Genet. 1992 May;1(2):114-23
MM	G18		Wianny *et al.* Specific interference with gene function by double-stranded RNA in early mouse development. Nat Cell Biol 2000 Feb;2(2):70-5
MM	G19		Willert *et al.* A Drosophila Axin homolog, Daxin, inhibits Wnt signaling. Development. 1999 Sep;126(18):4165-73
MM	G20		Williams *et al.* ARGONAUTE1 is required for efficient RNA interference in Drosophila embryos. Proc Natl Acad Sci U S A 2002 May 14;99(10):6889-94

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

MM	H1		Wilson *et al.* 2.2 Mb of contiguous nucleotide sequence from chromosome III of C. elegans. Nature. 1994 Mar 3;368(6466):32-8
MM	H2		Wu-Scharf *et al.* Transgene and transposon silencing in Chlamydomonas reinhardtii by a DEAH-box RNA helicase. Science. 2000 Nov 10;290(5494):1159-62
MM	H3		Yang *et al.* Evidence that processed small dsRNAs may mediate sequence-specific mRNA degradation during RNAi in Drosophila embryos. Curr Biol. 2000 Oct 5;10(19):1191-200
MM	H4		Zamore *et al.* RNAi: double-stranded RNA directs the ATP-dependent cleavage of mRNA at 21 to 23 nucleotide intervals. Cell. 2000 Mar 31;101(1):25-33

Examiner	Date Considered
/Maryam Monshipouri/	08/14/2006

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